

Application No. 09/831,861
Amendment dated June 14, 2004
Reply to Office action of February 11, 2004

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1 (previously presented). A sealed case for housing equipment, said case comprising an injection molded resin body having an interior and an exterior, and having a through hole leading from said interior to said exterior, wherein said through hole has a periphery, wherein the portion of the resin body surrounding said periphery of the through hole comprises a boss surrounded by an annular groove, wherein said boss has a radial tip surface, wherein said through hole is covered with a water-repellent, porous, film which is permeable to air, but impermeable to liquids, wherein said water-repellent film overlies and is bonded to said tip surface by entry of said molten resin into pores of said film due to pressure applied to the molten resin when said molten resin is injection-molded, and wherein only one side of said film is bonded to said boss.

2-7 (canceled)

8 (previously presented). A sealed case according to claim 1, wherein said case comprises a box and a lid covering an opening of said box, and said through hole is provided in said box or said lid.

9 - 12 (canceled)

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13 (previously presented). A sealed case for housing equipment, said case comprising an injection molded resin body having an interior and an exterior, and having a through hole leading from said interior to said exterior, wherein said through hole is covered with a water-repellent film which is permeable to air but impermeable to liquids, wherein said through hole has a periphery, and wherein the portion of the resin body surrounding said periphery of the through hole comprises a boss surrounded by an annular groove, and wherein said boss has a radial tip surface, and said water-repellent film overlies, and is bonded to, said tip surface by heat and/or pressure applied by the molten resin of which said resin body is formed when said molten resin is injection-molded, and only one side of said film is bonded to said tip surface of said boss.

14 -20 (canceled)

21 (previously presented). A sealed case according to claim 1, wherein said film is also oil-repellent.

22 (previously presented). A sealed case according to claim 8, wherein said film is also oil-repellent.

23-26 (canceled)

27 (previously presented). A sealed case according to claim 13, wherein said film is also oil-repellent.

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28 (canceled)

29 (previously presented). A sealed case according to claim 13, wherein said water-repellent film is bonded to said tip surface by entry of said molten resin into pores of said film due to pressure applied to the molten resin when said molten resin is injection-molded.

30 (previously presented). A sealed case according to claim 29, wherein said film is also oil-repellent.

31 (previously presented). A sealed case according to claim 13, wherein said water-repellent film is a laminate comprising a thermoplastic backing material and a porous film, and wherein said backing material is bonded to said tip surface by melting of the backing material by heat applied by said molten resin.

32 (currently amended). A sealed case for housing equipment, said case comprising an injection molded resin body having an interior and an exterior, and having a through hole leading from said interior to said exterior, wherein said through hole is surrounded by a radial peripheral surface, wherein said through hole is covered with a water-repellent, porous, film which is permeable to air, but impermeable to liquids, wherein said water-repellent film overlies and is bonded to said radial peripheral surface by entry of molten resin from said resin body into pores of said film as a result of the application of heat and/or pressure applied by the

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~~molten resin of which to said resin body is formed, and wherein only one side of said film is bonded to said resin body.~~

33 (previously presented). A sealed case according to claim 32, wherein said film is also oil-repellent.

34 (currently amended). A sealed case ~~according to claim 32 for housing equipment, said case comprising an injection molded resin body having an interior and an exterior, and having a through hole leading from said interior to said exterior, wherein said through hole is surrounded by a radial peripheral surface, wherein said through hole is covered with a water-repellent, porous, film which is permeable to air, but impermeable to liquids, wherein said water-repellent film overlies and is bonded to said radial peripheral surface, wherein said water-repellent film is a laminate comprising a thermoplastic backing material on one side and a porous film on the other side, wherein only said one side of said film is directly bonded to said resin body, and wherein said backing material is bonded to said resin body by melting of the backing material by heat applied by said molten resin a bond composed of a solidified molten material, said molten material consisting of molten resin of the resin body and molten thermoplastic of said backing material integrated with each other.~~